

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
 Division of Water Quality

INDUSTRIAL WASTEWATER TREATMENT SYSTEM - LICENSED OPERATOR GRADING SHEET

NJPDES PERMIT NO.: _____ FACILITY NAME: _____

LOCATION OF FACILITY: _____

FACILITY CLASS :	N1	N2	N3	N4
RANGE OF POINTS :	6 to 19	20 to 49	50 to 69	70 or more

POINTS ARE ASSIGNED TO EACH ITEM LISTED BELOW THAT APPLIES TO THE INDUSTRIAL TREATMENT SYSTEM

POINTS
RATING | ACTUAL

A. TOXICITY GROUP

I	1	
II	5	
III	10	
IV	15	
V	20	
VI	25	

B. RECEIVING WATER (DTW's)

Surface Water-FW or DRZ 1, 2 or 3	5	
Surface Water-SE or DRZ 4, 5 or 6	3	
Surface Water-SC	2	
Ground Water	5	
Discharge into POTW	2	

C. HYDRAULIC LOAD

Indirect Discharge < 0.0008 MGD	0	
Less than 0.1 MGD	2	
0.1 - 1.0 MGD	4	
1.0 - 10.0 MGD	6	
Greater than 10.0 MGD	10	

D. PRIMARY

pH Adjustment	1	
Equalization	1	
Oil Separator	3	
Dissolved Air Flotation	3	
Chemical Coagulation/Flocculation	5	
Sedimentation/Clarification	3	
Chemical Addition	2	
Simple Filtration (bag, cartridge)	2	
Disinfection	2	
Air Stripping/Cooling Towers	5	

E. SECONDARY

Activated Sludge	15	
Bio-Filtration w/ Sec. Clarifiers (incl. Trickling Filters & RBCs)	10	
Stabilization	5	
Disinfection	2	
Spray Irrigation/Overland Flow	10	
Oxidation Ditches	10	
Subtotal		

POINTS ARE ASSIGNED TO EACH ITEM LISTED BELOW THAT APPLIES TO INDUSTRIAL TREATMENT SYSTEM

POINTS
RATING | ACTUAL

F. ADVANCED

Ammonia Removal	10	
Nutrient Removal	10	
Advanced Filtration	5	
Carbon Adsorption	10	
Ion Exchange	10	
Post Aeration	2	
Reverse Osmosis Ultra Filtration	10	
Ultraviolet-Peroxide Reactor	5	

G. SLUDGE HANDLING/DISPOSAL

Digestion	5	
Sludge Conditioning	2	
Mechanical Dewatering	4	
Drying Beds/Lagoons	2	
Thickening or Dissolved Air Flotation	3	
On-Site Landfill	2	
Composting	7	
Incineration/Wet Oxidation	10	

Subtotal

Grand Total

I hereby certify that the treatment units, as noted above, comprise the entire treatment process for the above referenced facility, and subsequently the operator licensing requirement has been accurately determined.

 Typed Name of Certifying Engineer

 Signature and Date

Professional Engineer's

Embossed Seal